

# Container Governance Tasks

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# Module Overview

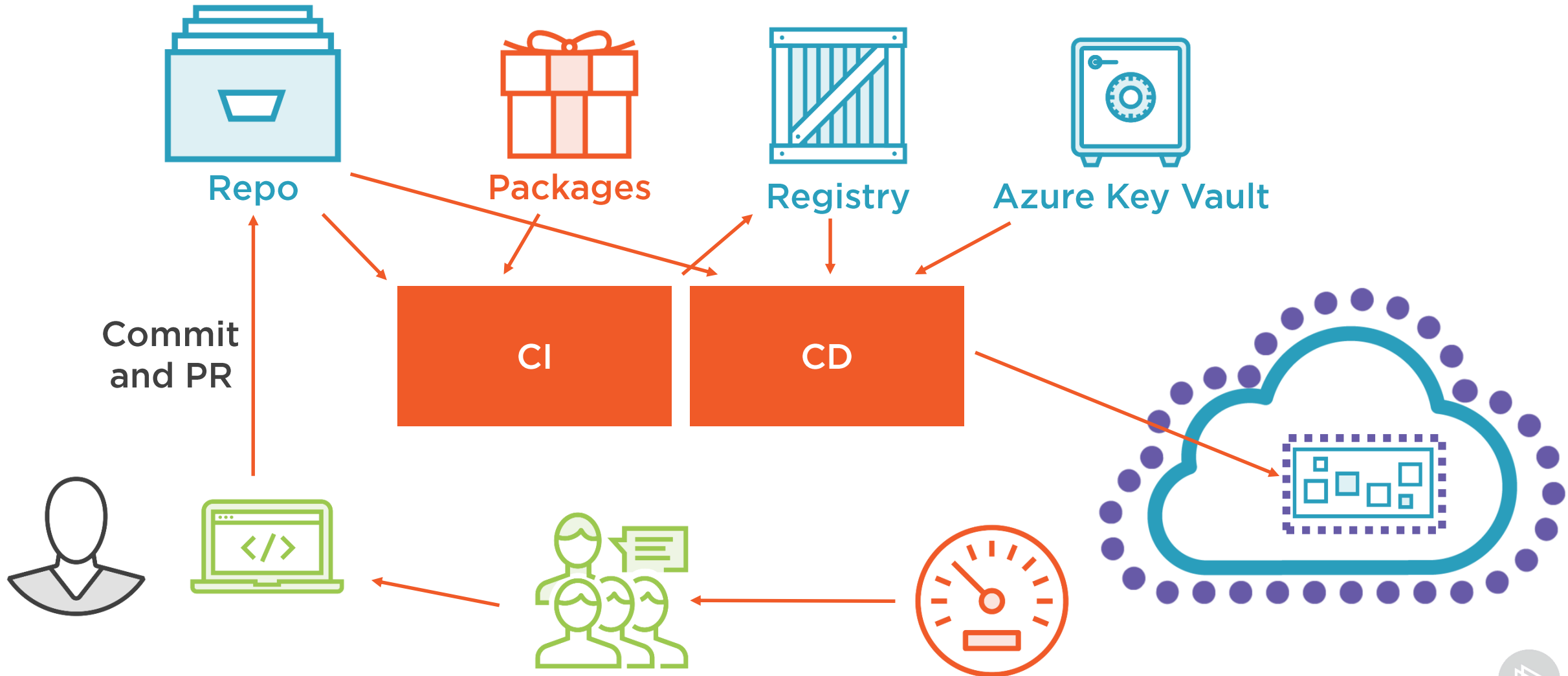


**Azure container service governance and security requirements**

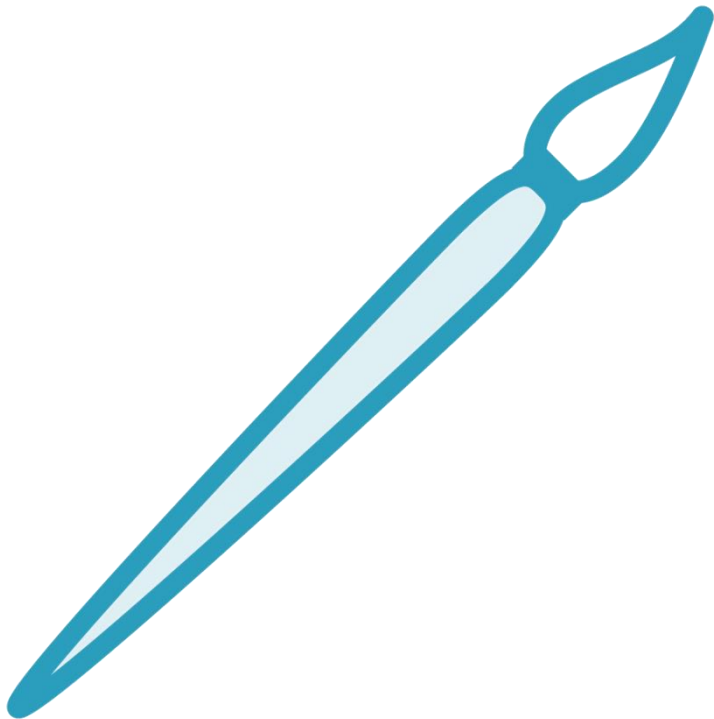
**Azure Container Registry tasks**



# End-to-end Governance and Security



# Azure Pipeline Decorators



Many tasks are available for pipelines

To remove the need for developers to add the tasks decorators can be added at the organization level

Once added the included tasks will automatically be added to every pipeline at start or end

Very useful for cred and code scans



# Container Registry Scanning



Looking for vulnerabilities in the images

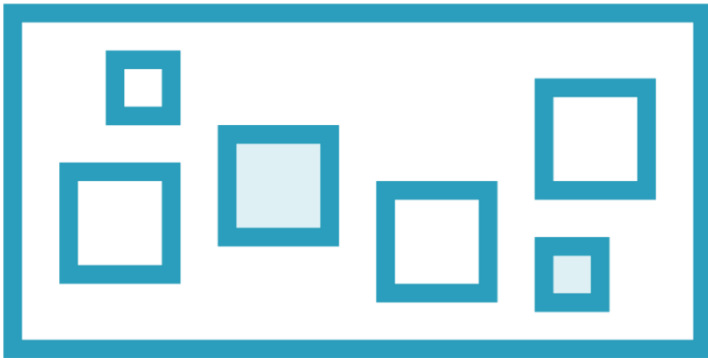
Local scan of docker images is possible using 'docker scan'

It is critical to ensure scanning of container registries which form the source for deployments

Azure Defender for container registries is one solution that uses Qualys engine

Many others available

# Container Runtime Scanning



Containers can be attacked like any other resource

Additionally, there is the AKS cluster management layer to consider

Azure Defender for Kubernetes provides protection for cluster and workloads

Scans for malware and crypto activities

Works with the Azure Policy for Kubernetes capability

# Azure Container Registry Tasks



**Azure Container Registry can not just store container images but can build as well**

**Quick tasks provide easy build of container images using `az acr build` removing the need for local docker installation**

**Builds can also be triggered**

- On commit
- On base image update (can be private)
- On a schedule



# Summary



**Azure container service governance and security requirements**

**Azure Container Registry tasks**





Thank you  
and  
good luck!

